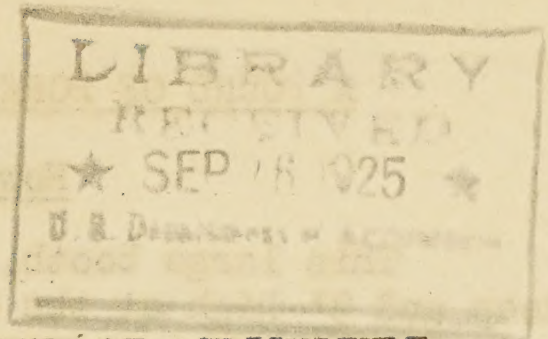


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



UNITED STATES DEPARTMENT OF AGRICULTURE

Extension Service

Office of Exhibits

A Summary of the Exhibit

ONE POUND OF PORK EVERY SEVEN MINUTES

A large booth exhibit showing the methods used on a successful Illinois farm devoted to the production of pork.

Specifications

Floor space - - - - - 20', 8" front, 8',
Wall space - - - - - None. (8" deep.
Shipping weight - - - - - 1025 lbs.
Electrical requirements - 110 volt, A.C. or
D.C. current. 200 watts needed for
lights.

A POUND OF PORK EVERY SEVEN MINUTES

How It Looks

This large booth, 20', 7" across the front, 8', 8" deep and 9' high at the middle of the center section, is a reproduction of a red barn and joined to other farm buildings. In the center of the middle section, set in several inches, is a large colored picture of the homestead on the farm producing a pound of pork every seven minutes. The picture is especially attractive on account of the lighting effects secured by the use of hidden electric lights.

The three sections contain six large placards dealing, from left to right, with the following subjects; first inventory, acreage and crops produced, continuous use of fresh pastures, shown by a farm layout diagram, well-chosen rations for the breeding herd and their pigs, hog sales and ~~second inventory~~ and the balance sheet for the end of the year.

A placard, showing the layout of the farm is shown, just below the large picture of the farmstead. A clock with the minute hand showing seven minutes past the hour is placed at the peak of the middle section and refers to the name of the exhibit and the accomplishment on this hog farm.

What It Tells

This exhibit tells how a farmer in Illinois raises hogs successfully on a 160 acre farm. This is not a phenomenal hog farm and if the soil is more fertile than that of other farms it is because of the soil-improvement policy of its operator. The equipment is neither elaborate nor expensive and the owner does all of the work with the help of a hired man during the summer.

This farm is planned to follow a definite system of hog production with as little unnecessary work as possible. The farm is divided into six fields of equal size. The one containing the farmstead is devoted to a minor rotation. The major rotation consists primarily of three years of corn, followed by oats and then clover. Soy beans are grown the second year to add fertility to the soil.

The systematic use of clovers in the rotation, the plowing under of some growth for its value as green manure, and the grazing of livestock in all of the fields, builds

up fertility in a rotation having three successive years of corn.

INVENTORIES

:	:	First Inventory :	Second Inventory :
:	:	January 1, 1923 :	January 1, 1924 :
:Old sows	:	11 av. 300 lbs. :	20 av. 300 lbs. :
:Gilts	:	21 " 200 " :	15 " 200 " :
:Spring pigs	:	86 " 200 " :	151 " 200 " :
:Fall pigs	:	95 " 70 " :	110 " 70 " :
:Herd boars	:	2 " :	2 " :
:Corn	:	4,000 bus. :	3,000 bus. :
:Oats	:	1,500 " :	1,200 " :

HOGS SOLD

Mar. 7 82	Spring pigs	av. 288 lbs.	@ 7.52	\$1,777.11
May 28 20	Fall pigs	" 260 "	" 7.21	375.10
Aug. 22 72	Fall pigs	" 261 "	" 8.20	1,538.64
Sept. 12 64	Spring pigs	" 180 "	" 8.20	944.54
Sept. 12 12	Packer sows	" 282 "	" 6.80	230.47
1 stag		470 "	" 4.22	19.82
251 Hogs		62,985 lbs.	@ 7.76	\$4,885.68
Inventory Increase		15,751 lbs.		

Total pork produced - - 78,700 lbs., or a pound of pork every seven minutes, day and night for 365 days.

PRODUCTION ON THIS 160 ACRE FARM

235 Spring pigs, average per sow 7.34 pigs.
110 Fall pigs average per sow 5.50 pigs.

:	:	Acres :	Yield :	Total yield. :
:	:	:	per acre :	:
: Corn	:	79.00 :	55.6 :	4470 bus. :
: Oats	:	31.25 :	60.30 :	1885 :
: Alfalfa	:	3.25 :	3.00 tons :	10 tons :
: *Soy beans:	:	9.25 :	(fed in sheaf) :	:
: Pasture	:	30.00 :	:	:
: Farmstead:	:	7.00 :	:	:

*Soy beans were planted in all corn

FEED CONSUMED BY HOGS

	<u>Total</u>	<u>Per 100 lbs. pork.</u>
Corn - - - - -	5,540 bus.	7.04 bus.
Oats - - - - -	1,200 "	1.58 "
Tankage - - - - -	8,500 lbs.	10.80 lbs.
Middlings - - - - -	4,200 "	5.34 "
Commercial mixed feed	6,000 "	7.62 "
Soybeans in field.		

FARM INCOME

Total receipts from all farm enterprises	\$6,491.09
Total expenses - - - - -	2,618.00
Farm Income - - - - -	\$3,873.09

Where to Get Information

The figures were obtained from a farm account book kept by this Illinois farmer and analyzed by the University of Illinois. Most of the State Agricultural Colleges and Extension Services have bulletins on many factors of pork production, available on request.

The following publications may be obtained free of charge from the U.S. Department of Agriculture, Washington, D. C.

- Farmers' Bulletin 874 - Swine Management
- Farmers' Bulletin 1244 - Diseases of Hogs
- Farmers' Bulletin 1263 - Breeds of Swine
- Farmers' Bulletin 1437 - Swine Production